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Applicant : ROBERT J. LIPSHUTZ et al.
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Examiner : Bradley L. Sisson

Title : INTEGRATED NUCLEIC ACID DIAGNOSTIC DEVICE

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CERTIFICATION OF FACSIMILE TRANSMISSION

I hereby certify that the enclosed total of 8 pages including a cover sheet is being facsimile transmitted to the fax number 703-305-7230 to the Patent and Trademark Office on the date shown below.

Typed or Printed Name of Person: Alan B. Sherr

Date: August 17, 2001

Signing Certification

Alan B. Sherr

AMENDMENT

In the Specification:

On page 45 please delete the first full paragraph, i.e., lines 3-12, and replace with the following paragraph:

E
The efficacy of acoustic mixing was also tested in an actual hybridization protocol. For this hybridization test, a fluorescently labeled oligonucleotide target sequence having the sequence 5'-GAGATGCGTCGGTGGCTG-3' (SEQ. ID 1) and an array having a checkerboard pattern of 400 μ m squares having complements to this sequence synthesized thereon, were used. Hybridization of a 10 nM solution of the target in 6 x SSPE was carried out. During hybridization, the external surface of the array was kept in contact with a thermoelectric cooler set at 15 °C. Hybridization was